

Claim 2, line 1, before "multiple" insert --induced--;

A1
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~~3~~ (amended) The apparatus of claim 1, wherein the output power has an amplitude, [and the input adjusts the] said controller controlling the RF output stage input to adjust the RMS value by adjusting said amplitude.

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~~4~~ (amended) The apparatus of claim 1, wherein the output power has a duty cycle, [and the input adjusts the] said controller controlling the RF output stage input to adjust the RMS value by adjusting said duty cycle.

A2
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~~7~~. The apparatus of claim 1, wherein the output power [is comprised of] comprises an output voltage, [and the input adjusts the] said controller controlling the RF output stage input to adjust the RMS value by adjusting said output voltage.

Claim 8, line 2, before "output" insert --an--;

line 6, delete "measure" and substitute therefor --measurement--; and

line 10, delete "measure" and substitute therefor --measurement--.

A3
9. (Amended) A method for automatically controlling electrosurgical output power across a load, the load having a variable impedance, the method comprising the steps of:

generating electrosurgical output power, the output power having an RMS value;

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connecting the output power across the load;
producing a [measure] measurement of the variable impedance;
controlling the output power in response to the [measure] measurement by
cyclically raising and lowering the RMS value at a frequency being within a frequency
range of 1 - 20 hertz (Hz), wherein the [measure] measurement follows the RMS value.

Sub 15
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15. (Amended) A method for automatically controlling output power from an
electrosurgical generator across a load, the load having a variable impedance[, the load
having] and a thermal bandwidth, the method comprising the steps of:
generating electrosurgical output power, the output power having an RMS value;
connecting the output power across the load;
[producing a measure of] continuously measuring the variable impedance of the
load; and
inducing multiple oscillations of the load impedance [controlling the output
power] by repeatedly raising and lowering the RMS value in response to the measured
impedance. [measure, the raising and lowering occurring repeatedly with a frequency,
wherein the frequency is within the thermal bandwidth.]

Please add the following new claims:

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20 -- 16. (New) The method according to claim 15, wherein the repeated raising and
lowering of the of the RMS value is performed at a frequency within the thermal
bandwidth.